

Exhibit A

09/24/04

CURRICULUM VITAE**BIOGRAPHICAL**

Name	Saïd M. Sebti	
Birth date	April 3, 1956	
Citizenship	U.S.A.	
Social Security #	138-68-5011	
Business Address	H. Lee Moffitt Cancer Center & Research Institute 12902 Magnolia Drive, SRB3DRDIS Tampa, FL 33612-9497	Telephone: (813) 745-6734 Fax: (813) 745-6748 e-mail: sebti@moffitt.usf.edu
Home Address	8957 Magnolia Chase Circle Tampa, FL 33647	Telephone: (813) 907-0543

EDUCATION AND TRAINING

Undergraduate 1980	Washington State University Pullman, WA	B.S.	Biochemistry
Graduate 1984	Purdue University W. Lafayette, IN	Ph.D.	Biochemistry
Post-graduate 1985 - 1987	Yale University New Haven, CT	Postdoc.	Pharmacology

APPOINTMENTS AND POSITIONS

2002-Present	Associate Director	Pre-Clinical Investigations Moffitt Research Institute H. Lee Moffitt Cancer Center, a Comprehensive, National Cancer Institute-Designated Center Tampa, FL
1996 - Present	Program Leader	Drug Discovery Program H. Lee Moffitt Cancer Center & Research Institute, a Comprehensive, National Cancer Institute-Designated Center Tampa, FL

appointments and positions...

2000 - Present	Professor with Tenure	Oncology Department University of South Florida School of Medicine Tampa, FL
1996 – Present	Professor with Tenure	Department of Biochemistry and Molecular Biology University of South Florida School of Medicine Tampa, FL
1996 - Present	Professor with Tenure	Department of Pharmacology and Therapeutics University of South Florida School of Medicine Tampa, FL
1993 – 1996	Associate Professor with Tenure	Department of Pharmacology University of Pittsburgh School of Medicine Pittsburgh, PA
1988 - 1996	Member	Pittsburgh Cancer Institute Pittsburgh, PA
1988 - 1993	Assitant Professor	Department of Pharmacology University of Pittsburgh School of Medicine Pittsburgh, PA
1986 - 1987	Associate Research Scientist	Department of Pharmacology Yale University School of Medicine New Haven, CT
1985 - 1986	Postdoctoral Fellow	Department of Pharmacology Yale University School of Medicine New Haven, CT
1980 - 1984	Graduate Research Assistant	Purdue Biochemistry Program Dept. Medicinal Chemistry Purdue University, School of Pharmacy, W. Lafayette, IN
1978 - 1980	Research Assistant	Department of Chemistry Washington State University Pullman, WA

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

1983 Rho Chi Pharmacy Honor Society
1984 Sigma Xi Scientific Society
1986 American Association for the Advancement of Science (01492527)
1987 American Association for Cancer Research (4552)
1998 American Association for Biochemistry and Molecular Biology (12151)

HONORS AND AWARDS

1978 International Exchange Award (Washington State University)
1979 Undergraduate Research Award (National Science Foundation)
1979 Organic Chemistry Honors Lab
1980 B.S. cum laude
1985 Postdoctoral Fellowship Award (Smith Kline and French)
1989 Junior Faculty Research Award (American Cancer Society)
1995 National Cooperative Drug Discovery Award (National Cancer Institute)
1997 Nato Workshop Award
1999 National Cancer Institute Award from CTEP to conduct biochemical correlative studies for proof-of-concept in phase II clinical trials with farnesyltransferase inhibitors.
2000 Editor, "Farnesyltransferase Inhibitors in Cancer Therapy" book for Humana Press Inc.
2000 Guest Editor, Oncogene Review Issue entirely dedicated to New Drug Targets and Therapies for Cancer
2000 National Cooperative Drug Discovery Award (National Cancer Institute)

PROFESSIONAL ACTIVITIES

2004 Member, 2004 AACR Program Committee
2003 Member, American Cancer Society IRG Review Committee
2003 Scientific Director, Proteomics Core, H. Lee Moffitt Cancer Center and Research Institute, Tampa, Florida.
2003 Co-organizer, conference on Molecular Targets for Cancer Therapy, October 2004, St. Petersburg, FL
2002 Member, Scientific Committee, AACR-NCI-EORTC meeting, Frankfurt, Germany
2001 Chair & Speaker, plenary session on "Targeting Ras and MAPKs" in "Molecular Targets and Cancer Therapeutics: Discovery, Biology and Clinical Applications", AACR-NCI-EORTC meeting, Miami, Florida
2001 Member, Scientific Committee, AACR-NCI-EORTC Meeting, Miami, Florida
2001 Organizer, Moffitt Cancer Center Research Retreat, Wesley Chapel, Florida
2001 Chair, Experimental Therapeutics Program Committee, American Association for Cancer Research, Philadelphia, PA
2000 Co-organized international conference on "New Molecular Targets for Cancer Therapy", St. Petersburg Beach, FL
2000 Co-organized conference on Cancer Research and Biotechnology in the Florida High Tech Corridor, Tampa, Florida
2000 Co-chaired minisymposium on "Farnesyltransferase Inhibitors", Annual meeting of American Association for Cancer Research, San Francisco, California
2000 Chaired, Colon and Lung Cancer Session, Moffitt Cancer Center Research Retreat Tampa, Florida
1999 Member, Program Committee, American Association for Cancer Research (AACR)
1999 Co-chaired poster discussion session on "Farnesyltransferase Inhibitors", Annual

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| 1998 | meeting of American Association for Cancer Research, Philadelphia, Pennsylvania |
| 1996 - Present | Co-chaired mini-symposium on "Farnesyltransferase Inhibitors", Annual meeting of American Association for Cancer Research, New Orleans, Louisiana |
| 1997 | Initiated and directed the Drug Discovery Program at the H. Lee Moffitt Cancer Center & Research Institute, a Comprehensive NCI-designated cancer center, Tampa, FL. |
| 1995 | Organized an International NATO Advanced Research Workshop on "Protein-Protein and Protein-Lipid Interactions in Signal Transduction: Use of Small Synthetic Molecules as Probes and Therapeutic Agents", Clearwater, FL. |
| 1993 - 1996 | Co-chaired mini-symposium on "Targeting Ras", American Association for Cancer Research, Toronto, Canada |
| 1992 - 1994 | Initiated and co-directed a Cancer Drug Discovery Program at the University of Pittsburgh, Pittsburgh, PA. |
| | Founded the Signal Transduction Society of Pittsburgh, Pittsburgh, PA. |

COMPREHENSIVE NCI CANCER CENTER EXPERIENCE

- Member of the Moffitt Cancer Center team that strategically planned for submitting core grant application. Successfully prepared and obtained NCI designation and comprehensive status.
- Successfully obtained core grant with basic science, clinical investigations and cancer control programs.
- Member of the team that recruited basic, clinical and cancer control research faculty to grow NCI funding from \$1M in 1996 to OVER \$40M in peer-reviewed funding in 2003.
- Responsible for starting the drug discovery program at Moffitt Cancer Center. Successfully recruited faculty members and stimulated intra- and inter-programmatic interactions that grew funding to \$3.5 million dollars direct costs per year.
- Successfully obtained as PI two program projects that enhanced intra- and inter-programmatic interaction.

BENCH TO BEDSIDE EXPERIENCE FROM DRUG DISCOVERY TO HYPOTHESIS-DRIVEN CLINICAL TRIALS

- Broad experience in drug design, discovery and development from chemistry to clinical investigations.
- As director of drug discovery, stimulated numerous fruitful interactions between chemists, biochemists, cell biologists and pharmacologists as well as interaction between basic scientists and clinical investigators. Areas of successful interactions include p53/mdm2, Akt, STAT3, Bcl2/Bax and pRb/Raf.
- Responsible for starting a core facility for "Real" and "Virtual" High through put screening (HTS) and molecular modeling.

- Responsible for the development of farnesyltransferase and geranylgeranyltransferase inhibitors, PDGF and VEGF binders, proteasome inhibitors and STAT3 signaling antagonists as novel anticancer drugs from rational drug design to structure activity relationships to proof-of-principle in cell culture and animals to advanced preclinical studies.
- Responsible for designing with clinical investigators several hypothesis-driven human clinical trials with proof-of-concept using biochemical end points. Successfully conducted and published phase II clinical trials with farnesyltransferase inhibitors in multiple myeloma and myelodysplastic syndrome. Involved in ongoing multiinstitutional clinical trials in melanoma and brain cancer patients.
- Presently leading a team of Basic Scientists, a Clinical Investigator, a Pathologist and a Surgeon in evaluating the clinical and biological activity of the combination treatment of breast cancer patients with the farnesyltransferase inhibitor Zarnestra and the cytotoxic agents AC.
- Responsible for a National Cancer Institute reference laboratory for biochemical correlation studies of clinical trials with the novel antitumor agents, farnesyltransferase inhibitors.

TECHNOLOGY TRANSFER/PHARMACEUTICAL ACTIVITIES

- Successfully negotiated and obtained license and research agreements with Abbott Laboratories on the design, synthesis and biological evaluations of farnesyltransferase and geranylgeranyltransferase I inhibitors as novel anticancer drugs.
- Collaborations with Abbott resulted in advancement of farnesyltransferase inhibitors from early to advanced preclinical studies and onto a phase I clinical trial.
- Member of the technology transfer steering committee at the H. Lee Moffitt Cancer Center & Research Institute. Help coordinate technology transfer issues such as licensing agreements, research agreements and spin-off companies.
- Author of 13 issued patents

CONSULTING ACTIVITIES

1993	Special reviewer for Experimental Therapeutics Study Section, National Cancer Institute, National Institutes of Health
1995	Reviewer for "The National Cooperative Natural Products Drug Discovery Groups", Study Section, National Cancer Institute, National Institutes of Health
1994 - 1995	Promega Corporation, Madison, WI
1994 - 1995	Biomeasure Inc., Boston, MA
1995 - 1998	Abbott Laboratories, Chicago, IL
1997	Reviewer for Experimental Therapeutics Study Section, National Cancer Institute, National Institutes of Health.
1999	Chair, FTI Clinical Trial panel, Cancer Therapy Evaluation Program, National Cancer Institute
1999	Member, Council of Scientific Advisors, University of Central Florida Cancer

	Center
2000	Member, Cancer Center Core Grant site visit, National Cancer Institute, National Institutes of Health
2000	Member, Advisory Group for Astrazeneca; Farnesyl Transferase Inhibitor preclinical to clinical interface.
2000	Temporary Member, National Cancer Institute Scientific Review Group, Cancer center core grants (parent committee)
2000	Reviewer for the Dutch Cancer Society (Nederlandse Kankerbestrijding)
2000	Reviewer for National Cancer Institute RFA and PA's entitled, "Molecular Target Drug Discovery for Cancer".
2001	Chair, Experimental Therapeutics, Program Committee, American Association for Cancer Research.
2001	Member, Advisory group for Pfizer; Farnesyltransferase inhibitor phase I trial.
2001	Member, Scientific Committee, AACR-NCI-EORTC meeting, Miami, Florida
2001	Member, Tampa Bay Biotech Visioning Session, Tampa, Florida
2001	Member, National Cancer Institute Signal Transduction Working Group
2002	Member, AstraZeneca Advisory Board, Clinical Development of a Farnesyl Transferase Inhibitor
2002	Member, Scientific Committee, AACR-NCI-EORTC meeting, Frankfurt, Germany
2004	Consultant, AstraZeneca UK Ltd.

TEACHING ACTIVITIES

2001 – present	University of South Florida, Department of Oncology, team taught "Cancer Biology Course"
1997-2000	University of South Florida, Department of Biochemistry and Molecular Biology, team taught "Graduate Biochemistry"
1989 - 1996	University of Pittsburgh, Department of Pharmacology. Organized, directed and team taught "Receptors and Signal Transduction"
1989 - 1996	University of Pittsburgh, Department of Pharmacology. Team taught cancer pharmacology.
1992 - 1996	University of Pittsburgh, Department of Pharmacology. Team taught "Perspectives in Pharmacology"
1992 - 1996	University of Pittsburgh, Department of Neurobiology Anatomy and Cell Science. Team taught "Cell Structure and Function": "Receptors", "Second Messenger Systems and Signal Transduction".
1992 - 1996	University of Pittsburgh First Year Medical School. "Introduction to Chemical Signaling"; "Signal Transduction"; "Oncogenes", "Oncogenes and Signaling"; "Oncogenes as Anticancer Drug Targets"
1988 - 1996	University of Pittsburgh, Department of Pharmacology, Second Year Medical School Pharmacology Course. Taught the following lectures: Introduction to Receptors; Signal Transduction; Antiviral Therapy; Pharmacology of Peptic Ulcers; Pharmacology of Insulin and Hypoglycemics
1988 - 1996	University of Pittsburgh, Department of Pharmacology. Second year Medical School Pharmacology course conferences
1981	Purdue University, Department of Biochemistry, laboratory teaching
1979	Washington State University, Department of Chemistry, laboratory teaching

POSTDOCTORAL TRAINEES/RESEARCH ASSOCIATES

1988 - 1992	Jetish Jani, Ph.D.	1998 - 2001	Frederic Delarue, Ph.D
1992 - 1993	Meenakshi Nigam, Ph.D.		
1992 - 1993	Churl M. Seong, Ph.D.	1997 - 2001	Jalila Adnane, Ph.D.
1991 - 1993	Thierry Camels, Ph.D.	1994 - 2003	Jiazhi Sun, M.D.
1993 - 1994	Steven Wathen, Ph.D.	2002- Present	Kun Jiang, Ph.D.
1994 - 1995	Elizabeth Tan-Chiu, M.D.	2002 - Present	James Hawker, Ph.D.
1994 - 1996	Zendong Pei, Ph.D.	2002 - Present	De-an Wang, Ph.D.
1992 - 1996	Terence McGuire, Ph.D.	2002 - Present	Kuichun Zhu, Ph.D.
1994 - 1996	Andreas Vogt, Ph.D.	2003- Present	Iian Duffy, Ph.D.
1995 - 1996	Jinan Yu, Ph.D.	2003-Present	Aslmuzaman Kazi, Ph.D.
1996 - 1998	P. K. Burnette, Ph.D.		
1995 - 2000	Jonathan Finder, M.D.		

GRADUATE STUDENTS

1992 - 1994	Renae Fossum (Co-adviser)
1992 - 1996	Yimin Qian (Co-adviser)
1993 - 1997	Edwina Lerner (Adviser)
1993 - 1998	William Stark (Co-adviser)
1996 - 1998	Pei Zhang (Adviser)
1996 - 2001	Zhi Chen (Adviser)
1997 - 2001	Nichole Crespo (Adviser)
2001 - 2002	Patrick Coppock (Adviser)
1997 - 2002	Cuider Allal (Co-adviser)
2003 - Present	Adam Carie
2003 - Present	Sam Falsetti

UNDERGRADUATE:

2002	Adam Carie
2001	Brian Busciglio
2001	Cassandra Martin
1998	Mary Brewer
1997	Brad Stigleman
1998	Janice Weatherspoon

GRADUATE STUDENT COMMITTEES

1989 - 1995	Kari Hoyt
1989 - 1994	Herng-Der Chern
1992 - 1994	Atsuhide Mori
1992 - 1995	Ming Huang
1992 - 1995	Robert Dixon
1993 - 1997	Diane M. Zeleski
1996 - 1998	Enfei He
2000 - 2004	Sophie Bolick
2000 - 2004	Michael Lee
2002 - Present	Amita Quadros

**UNDERGRADUATE STUDENTS
HONORS THESIS:**

2000-2001	Adrian Kenny
2000-2001	Hong Chen
2002-2003	Cassandra Martin

MENTORING PHYSICIAN SCIENTISTS

1995 - 2000	Jonathan Finder, M.D.
2002 - Present	Stacy Moulder, M.D.
2002- Present	Mokenge Malafa, M.D.
2002 - Present	George Simon, M.D.

RESEARCH

Grants Received (Over \$16,500,000 direct costs received since 1989):

Grant applications submitted:

National Institutes of Health, NCDDG, "Inhibitors of Rho Function as novel cancer therapeutics", May 1, 2005 – April 30, 2010, 20% effort, \$4,755,921 (Principal Investigator: S. M. Sebti)

National Institutes of Health, NCDDG, "Targeting Signal Transduction for Drug Discovery", May 1, 2005 – April 30, 2010, 20% effort, \$4,436,257 (Principal Investigator: S. M. Sebti)

National Institutes of Health, R01 CA106829-01, "Growth Factor Binding Molecules as Anti-angiogenesis and Anti-oncogenesis Agents", December 1, 2004 – November 30, 2009, 20% effort, \$1,562,566, (Principal Investigator: S.M. Sebti)

Grants received:

National Institutes of Health, RO1, "Targeted Intervention of Breast Oncogenic Pathways", June 13, 2003 – May 31, 2008, 15% effort, \$1,001,250 (Principal Investigator: S.M. Sebti)

National Institutes of Health, CA99-010 National Cooperative Drug Discovery Groups, "Geranylgeranyltransferase I Inhibition and Cancer Therapy", September 1, 2000 to April 30, 2005, 20% effort, \$3,293,527 (Principal Investigator: S.M. Sebti)

National Institutes of Health RO1 CA 85709-01, "AKT2 survival pathways and FTI-induced apoptosis"; January 18, 2001 to December 31, 2005; 15% effort, \$634,000, (Principal Investigator: S. M. Sebti)

National Institutes of Health RO1 CA83978-01, "Farnesyltransferase Inhibitors in Cancer Therapy: Bench to Bedside", May 1, 2000 to April 30, 2005; 15% effort, \$675,000 (Principal Investigator: S.M. Sebti).

National Institutes of Health, RO1 CA94851, "Pharmacological rescue of mutant p53 function", 01/01/03 – 01/01/08, 5% effort, \$1,000,000 (Co-Principal Investigator: S. M. Sebti)

National Institutes of Health PO1, CA78038-01A1, "Cancer Drug Discovery: Cell Cycle Control Targets"; September 1, 1999 – February 29, 2004; 20% effort, \$3,170,281, (Principal Investigator: S.M. Sebti)

AstraZeneca UK Ltd., "Evaluation of AZD3409 as a Dual Inhibitor of Farnesyl and Geranylgeranyl", September 30, 2003 – October 1, 2004, \$250,000 (Principal Investigator: S.M. Sebti).

Medicines for Malaria Venture, Sub-contract to Yale University, February 22, 2002 – February 21, 2004, \$104,718

National Institutes of Health, "Development of Farnesyltransferase Inhibitor Therapy for Myelodysplasia"; April 1, 2001 to May 31, 2003; 5% effort, \$220,400 (Co-Principal Investigator: S. M. Sebti)

National Institutes of Health NCDDG, U19-CA67771 "Ras Farnesylation Inhibitors: Rational Cancer Drug Design"; September 1, 1995 - August 31, 2000; \$2,563,985, 30% effort (Principal Investigator: S.M. Sebti)

National Institutes of Health, Supplement to CCSG, P30 CA 76292-02, "FTI phase II trials: Correlative laboratory studies", August 1, 1999 to July 31, 2002, \$92,200 (Co-Principal Investigator: S. M. Sebti).

National Institutes of Health, CA423146, "Expression levels of small G-proteins in the NCI 60 cell lines". January 1, 1998 – August 31, 2000; \$70,978, (Principal Investigator: S.M. Sebti).

Abbott Laboratories, Sponsored Research Agreement. "Prenylation inhibitors"; Jan. 1996 – Jan. 1999; \$1,127,700, 20% effort (Principal Investigator: S.M. Sebti)

National Institutes of Health, Chemoprevention Branch, Subcontract from Medical College of Ohio, September 1997 – September 1999, \$50,000 (Principal Investigator: S.M. Sebti).

National Institutes of Health KO8 "Ras CAAX Peptidomimetics in Pulmonary Inflammation"; July 1, 1996 – June 31, 2001; \$412,020, (Recipient: Jonathan D. FINDER, Mentor: Saïd M. Sebti, Ph.D.)

NATO Conference Workshop "Protein-Protein and Protein-Lipid Interactions in Signal Transduction: Use of Small Synthetic Molecules as Probes and Therapeutic Agents; 1997; \$50,000, (Workshop Director: S.M. Sebti).

National Institutes of Health ROI CA-48905 "Bleomycin Hydrolase and Tumor Resistance to Bleomycin"; Jan. 1, 1993 – Jan. 1, 1997; \$715,890, 30% effort (Principal Investigator: S.M. Sebti)

National Institutes of Health SBIR 94-3 "Developing Technologies for Studying Protein Prenylation"; October 1, 1995 – April 1, 1996; \$99,950, 15% effort (Principal Investigator: E. Schaefer)

National Institutes of Health ROI CA-55823 "Ras Oncogene p21 Farnesyl Transferase: A Novel Anticancer Target"; May 1, 1992 – May 1, 1995; \$504,900, 30% effort (Principal Investigator: S.M. Sebti)

National Institutes of Health NCI ROI CA-48905 "Bleomycin Hydrolase and Tumor Resistance to Bleomycin" Jan. 1, 1990 – Jan. 1, 1993; \$469,980, 30% effort (Principal Investigator: S.M. Sebti)

American Cancer Society "Membrane Association of Ras Oncoprotein as a Novel Anticancer Therapy Target"; Jan. 1, 1992 – April 30, 1992; \$46,200, 30% effort (Principal Investigator: S.M. Sebti)

National Institutes of Health "Involvement of Bleomycin Metabolism in Tumor Resistance to Bleomycin" Sept. 1, 1990 – Sept. 1, 1992; \$66,000 (J.P. Jani, Postdoctoral Fellow)

American Cancer Society JFRA-248 "Mechanism of Tumor Resistance to Bleomycin", Jan. 1, 1989 – Jan. 1, 1992; \$85,500 (Junior Faculty Research Award: S.M. Sebti)

American Cancer Society IN-58Z "Expression of Bleomycin Hydrolase in Bleomycin-Resistant and – sensitive Human Tumor Cells" Feb. 1, 1988 – July 1, 1988, \$5000 (Principal Investigator: S.M. Sebti)

University of Pittsburgh "Molecular Cloning and Expression of Bleomycin Hydrolase cDNA" July 1, 1988 – July 1, 1989; \$8000 (Principal Investigator: S.M. Sebti)

INVITED SEMINARS

1984

Medical College of Ohio, Department of Pathology, Toledo, OH.
Yale University, School of Medicine, Department of Pharmacology, New Haven, CT.

1986

International Minerals and Chemicals, Terre Haute, IN.
Pharmacia, Piscataway, NJ.

1987

Mobil Corporation, Princeton, NJ.

1988

Duquesne University, Department of Chemistry, Pittsburgh, PA.

1989

Fox Chase Cancer Center, Philadelphia, PA.
Pittsburgh Cancer Institute, Pittsburgh, PA.

1990

Developmental Therapeutics Program. University of Pittsburgh, PA.

1991

Pittsburgh Cancer Institute, Annual Retreat, Oglebay, PA.

1992

Center for Clinical Pharmacology, University of Pittsburgh, PA.
Immunology Research in Progress, University of Pittsburgh, PA.
Discussion Leader at the Pittsburgh Cancer Institute Research Scientific Retreat, Neamacolin Woodlands, PA.
Tampa Bay Research Institute, Clearwater, FL.

1993

University of Tennessee, School of Medicine, Department of Pharmacology, Memphis, TN.
The Chicago Medical School, Department of Molecular Pharmacology, Chicago, IL.
University of Connecticut Health Center, Department of Pharmacology, Farmington, CT.
Medical College of Ohio, Department of Pharmacology and Therapeutics, Toledo, OH.
Saint Jukes Children's Research Hospital, Department of Pharmacology, Memphis, TN.
Annual Virology Symposium on Oncogenes, Pittsburgh, PA.
Hoffmann-LaRoche, Inc., Nutley, NJ.
Castle Group, Inc., New York, NY.
National Cancer Institute, Division of Cancer Treatment, Experimental Therapeutics Program, Rockville, MD.
Schering-Plough Research Institute, Tumor Biology, Kenilworth, NJ.
Pfizer, Inc., Cancer Biology Program, Groton, CT.
Atlas Ventures, Boston, MA.

1994

Univ. of Pittsburgh, Department of Environmental and Occupational Health, Pittsburgh, PA.
Oncologix, Gaithersburg, MD.
Purdue University, Department of Medicinal Chemistry, West-Lafayette, IN.
Promega Corp. Madison, WI.
Biomeasure, Inc., Boston, MA.
Pfizer, Inc., Cancer Biology Program, Groton, CT.
Institut Pasteur, Centre National de Recherche Scientifique, Service d'Oncology Moleculaire, Lille,

France.

Institut Henri Beaufour, Paris, France.

Rhone-Poulenc Rorer, Pharmacologie Moleculaire Anticancer, Paris, France.

Miles Pharmaceuticals, Cancer Program, West Haven, CT.

Burroughs, Wellcome Co., Experimental Therapy Program, Research Triangle Park, NC

Annual Meeting of the American Association of Cancer Research, Speaker and Co-Chair

Minisymposium, Toronto, Canada

1995

Eli Lilly and Co., Cancer Division, Indianapolis, IN

Abbott Laboratories, Oncology Division, Chicago, IL

Bayer Pharmaceuticals, Cancer Program, West Haven, CT

University of South Florida, H. Lee Moffitt Cancer Center, Tampa, FL.

University of Medicine and Dentistry of New Jersey, Molecular Biology Department, Stratford, NJ.

Cold Springs Harbor laboratory meeting. Neurofibromatosis: How to develop therapies. Cold Spring Harbor, NY.

Louisiana State University, Stanley Scott Cancer Center, New Orleans, Louisiana

Wayne State University, Department of Pharmacology, Detroit, MI.

1996

Mayo Clinic, Cancer Center, Rochester, MN.

University of Vermont, School of Medicine, Dept. of Pharmacology, Burlington, VT.

Biochemical Society meeting, "Function and Pharmacology of protein Prenylation." Liverpool, England.

Zeneca Pharmaceuticals, Cancer, Metabolism & Endocrine Research Department, Manchester, England

Institut de Recherche Pierre Fabre, Division de Cancerologie, Castre, France

Centre Claudius Regaud, Oncologie Moleculaire, Toulouse, France.

University of Chicago, Hematology/Oncology, Chicago, IL.

Strategic Research Institute, "Signal Transduction and Disease", Symposium speaker, Philadelphia, PA.

1997

Joint Cancer Conference of the FL Universities. Speaker, Orlando, FL

Fourth Drug Discovery and Development Symposium. Speaker, Annapolis, WA.

University of South Florida, Biochemistry and Molecular Biology, Tampa, FL.

American Society of Clinical Oncology 33rd Annual Meeting. Speaker at Pancreatic Cancer Session, Denver, CO.

University of South Florida, "Bench to Bedside" H. Lee Moffitt Cancer Center, Tampa, FL.

University of Pennsylvania, Department of Radiation Oncology, Pennsylvania, PA.

American Cancer Society Twentieth Annual Research Seminar. Keynote speaker, Orlando, FL.

Symposium on "Recent Advances in the Chemotherapy of Solid Tumors and Hematologic Malignancies", Speaker, Tampa, FL.

FASEB Meeting, Speaker, Snowmass, CO.

NATO Advanced Research Workshop on "Protein-Protein and Protein-Lipid Interactions in Signal Transduction: Use of Small Synthetic Molecules as Probes and Therapeutic Agents". Workshop director, co-organizer and speaker, Clearwater, FL.

Strategic Research Institute "Signal Transduction and Disease". Symposium Speaker, Philadelphia, PA

1998

Rotary Club, "Cancer Drug Discovery In Academia: An Invaluable Vehicle for Technology Transfer",
Tampa, Florida

Yale University, Department of Pharmacology. Speaker, New Haven, Connecticut

NABTT Workshop, "Angiogenesis and Brain Tumor Therapy", Speaker, Tampa, FL

Annual Meeting of the American Association of Cancer Research, Speaker and Co-Chair
Minisymposium, New Orleans, LA

H. Lee Moffitt Cancer Center Foundation Board of Directors, Speaker, Tampa, FL

Novalon Pharmaceuticals, Speaker, Raleigh, North Carolina

University of Pittsburgh, Dept. of Pharmacology, Speaker, Pittsburgh, Pennsylvania

H. Lee Moffitt Cancer Center, Grand Rounds Speaker, Tampa, Florida

NCI, Phase I Investigators Meeting, Gaithersburg, Washington, D.C., Speaker

5th International Union Against Cancer Workshop on Targeted Cancer Therapy, Speaker, Bermuda

1999

Miami Nature Biotechnology Symposium, "Inhibition of Protein Prenylation: A novel approach to
cancer and cardiovascular disease therapy", Speaker, Miami, Florida

University of South Florida and H. Lee Moffitt Cancer Center Symposium "Non-small Cell Lung
Cancer: Innovative Treatment Approaches", Speaker, Tampa, FL

Annual Meeting of the American Association of Cancer Research, Speaker and Co-Chair
Minisymposium, Philadelphia, PA

Spring CTEP phase I Investigators Meeting at National Cancer Institute, Speaker, Bethesda, MD

6th International Association for the Study of Lung Cancer Lung Biology Workshop, Speaker, Aspen,
Colorado

Fifth Drug Discovery and Development Symposium, Speaker, Detroit, Michigan

University of Central Florida, Speaker, Orlando, Florida

University of Florida Department of Biochemistry and Molecular Biology, Speaker, Gainesville,
Florida

National Cancer Institute, DTP, Special Seminar Series, Speaker, Washington D.C.

2000

Monsanto, Searle Pharmaceutical, Discovery Oncology, St. Louis, MO

Regerone Pharmaceuticals, Inc., Tarrytown, NY

"Cultural Diversity in Clinical Research" sponsored by University of South Florida, speaker, Orlando,
Florida

Lung Cancer State of Science meeting, National Cancer Institute, Washington D.C.

First International Lung Cancer Conference, Speaker, Maui, Hawaii

Post-International Association for the Study of Lung Cancer, Speaker, Chicago, Illinois

Annual Meeting of the American Association of Cancer Research, Speaker and Co-Chair
Minisymposium, San Francisco, CA

New Molecular Targets in Cancer Therapy, Speaker and Co-organizer, St. Petersburg Bch, FL

First Annual Opinion Leader Roundtable "Targeted Therapies in the Treatment of Lung Cancer",
Speaker, Aspen, CO

2001

MD Anderson Cancer Center, Department of Bioimmunotherapy, Guest Speaker, Houston, TX

Annual meeting of the American Association of Cancer Research, Speaker & Co-chair,
Minisymposium on farnesyltransferase inhibitors, New Orleans, LA

Robert Lurie Comprehensive Cancer Center, Northwestern University, Speaker, Chicago, IL

Expert's Roundtable on Cell Signaling, sponsored by Dana-Farber Cancer Institute, Speaker, Banff, Alberta, Canada

NCI Workshop entitled, "Modeling human lung cancer in mice", Speaker, Boston, MA

Gordon Research Conference on Chemotherapy of Clinical and Experimental Cancer, Speaker, New London, NH

Tulane University, Speaker, New Orleans, LA

NCI/CTEP Signal Transduction Working Group Meeting, Washington DC

NCI CTEP Drug Development Meeting, Fall 2001 Phase I Meeting, Speaker, Bethesda, MD

Chair & Speaker, plenary session on "Molecular Targets and Cancer Therapeutics: Discovery, Biology and Clinical Applications", AACR-NCI-EORTC meeting, Miami, Florida

Salick Health Care Annual Research Group Meeting, Speaker, Miami, Florida

NCI Molecular Targets Retreat, speaker, Washington, D.C.

ZARNESTRA Hematologic Malignancies Roundtable, Speaker, Orlando, Florida

2002

Joint Cancer Conference of Florida Universities, speaker, Orlando, Florida

Institute for Drug Development, Speaker, San Antonio, TX

Second Annual Opinion Leader Symposium, "Targeted Therapies in the Treatment of Lung Cancer", Speaker, Scottsdale, AZ

ILEX Oncology, Speaker, San Antonio, TX

Meet-the-Expert Sunrise Session, Annual meeting of American Association for Cancer Research, "Farnesyltransferase as a Target", speaker, San Francisco, CA

Memorial Sloan-Kettering Cancer Center, Speaker, New York, NY

Dartmouth College, Speaker, Hanover, NH

Annual Meeting of the American Society of Clinical Oncology, "Farnesyltransferase and Raf/MEK/Erk as Targets for Anticancer Drug Discovery", Speaker/Commentator, Orlando, FL

H. Lee Moffitt Cancer Center Research Retreat, "Inhibitors of Farnesyltransferase in Human Cancer", Speaker, Tampa, FL

1st International Congress on Targeted Therapies, Speaker, Washington DC

Oncology Fellows Connect 2002, Speaker, Rancho Mirage, CA

American Society of Hematology, Speaker, Philadelphia, PA

2003

University of Pittsburgh, Department of Pharmacology, Speaker, Pittsburgh, PA

Targeted Therapies of Hematologic Malignancies, Speaker, Kona, Hawaii

Targeted Therapies for the Treatment of Breast Cancer, Speaker, Kona, Hawaii

Roswell Park Cancer Institute, Invited Speaker

2004

University of Texas Southwestern, Invited Speaker

3rd International Congress on Targeted Therapies in Cancer, Washington DC, Invited Speaker

The Future of Lung Cancer: A Translational Focus, Las Vegas, Nevada, Invited Speaker

SESSION CHAIRMANSHIPS

- 1995 American Association for Cancer Research Annual Meeting. Chairperson of Mini Symposium on "Targeting Ras", Toronto, Canada
- 1998 American Association for Cancer Research Annual Meeting, Chairperson, mini-symposium - Farnesyltransferase, New Orleans, Louisiana
- 1999 American Association for Cancer Research Annual Meeting, Chairperson Poster Discussion on "Farnesyltransferase Inhibitors", Philadelphia, PA
- 2000 Moffitt Research Retreat, Chairperson, Renal and Prostate Cancer, Tampa, FL
- 2000 American Association for Cancer Research Annual Meeting, Chairperson, mini-symposium - "Farnesyltransferase Inhibitors", San Francisco, CA
- 2001 American Association for Cancer Research Annual Meeting, Chairperson, mini-symposium - "Farnesyltransferase Inhibitors", New Orleans, LA
- 2001 Chair & Speaker, plenary session on "Molecular Targets and Cancer Therapeutics: Discovery, Biology and Clinical Applications", AACR-NCI-EORTC meeting, Miami, Florida
- 2002 Moffitt Research Retreat, Chairperson, Drug Discovery, Tampa, FL
- 2003 Moffitt Scientific Research Retreat, Chairperson, Drug Discovery, Tampa, FL

OTHER RESEARCH RELATED ACTIVITIES

Editorial Board:

Cancer Biology and Therapy
Molecular Cancer Therapeutics
Investigational New Drugs

Reviewer for the following journals:

Biochemistry	Journal of Neurochemistry
Molecular Pharmacology	Journal of Cellular Biology
Cancer Research	Current Pharmaceutical Design
Oncology Research	Journal of Experimental Research
Biochemical Pharmacology	Oncogene
Biochimica et Biophysica Acta	Clinical Cancer Research
Journal of Medicinal Chemistry	Life Science

UNIVERSITY SERVICE

Director, Library Committee - Department of Pharmacology, University of Pittsburgh, School of Medicine, 1987-1992.
Member, Recruitment Committee - Department of Pharmacology, University of Pittsburgh, School of Medicine, 1987-1991.
Director, Graduate Program - Department of Pharmacology, University of Pittsburgh, School of Medicine, 1988-1990.
Chairman, Curriculum Planning and Administration Committee, Department of Pharmacology, Univ. of Pittsburgh, School of Medicine, 1990-1992.

Member, University of Pittsburgh Medical School Safety Committee, 1990-1995.
Member, School of Medicine Curriculum Revision Committee, University of Pittsburgh, 1990-1993.
Director, Graduate Program, Department of Pharmacology, University of Pittsburgh, School of Medicine, 1995-1996.
Director, Drug Discovery Program, H. Lee Moffitt Cancer Center & Research Institute, University of South Florida, 1996 – Present
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Chair, H. Lee Moffitt Cancer Center Foundation Scientists Campaign, 1998
Member, Search Committee for Department of Chemistry Chair, University of South Florida, 1998
Member, Microarray Advisory Board, H. Lee Moffitt Cancer Center & Research Institute, 1999 – present
Member, Translational Core Committee, H. Lee Moffitt Cancer Center & Research Institute, 1999 – present
Member, Technology Transfer Steering Committee, H. Lee Moffitt Cancer Center & Research Institute, 1999 – present
Member, Appointment, Promotion & Tenure Committee, School of Medicine, University of South Florida, 2000 – Present
Member, Institute for Biomolecular Science Redirection Committee, University of South Florida, 2001
Member, Philanthropic Review Committee, H. Lee Moffitt Cancer Center, 2001
Member, Search Committee for Director of Center for Entrepreneurship, University of South Florida, 2001
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Member, Research Affiliation Process Committee, Moffitt Research Institute, 2002-Present
Member, National Functional Genomics Steering Committee, Moffitt Cancer Center, 2002 - present
Member, Search Committee for Associate Center Director for Clinical Investigations at Moffitt Cancer Center, 2003
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Member, Search Committee for Proteomics Core Director, H. Lee Moffitt Cancer Center & Research Institute, 2004
Chair, Moffitt Research Institute Promotion and Tenure Policy committee, 2004
Member, Proteomics Steering Committee, H. Lee Moffitt Cancer Center & Research Institute, 2004
Member, High Throughput Steering Committee, H. Lee Moffitt Cancer Center & Research Institute, 2004
Member, Task Force for Research Administration Support of Research, Moffitt Research Institute, 2004
Member, Research IT/Bioinformatics Steering Committee, Moffitt Research Institute, 2004

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CONFIDENTIAL

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ABSTRACTS

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